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182721

From: Steadman, David (AU1652)  
Sent: Tuesday, March 21, 2006 8:43 AM  
To: STIC-Biotech/ChemLib  
Subject: 10/617,334 sequence search request

NAME: David Steadman  
AU: 1656  
Date: 3/21/06  
Office: Remsen 2B05  
Mailbox: Remsen 3C70

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**Please search the following sequence in commercial databases:**

- 1) Standard search of amino acids 1-60 of SEQ ID NO:1 against nucleic acid databases.
- 2) Standard search of amino acids 1-60 of SEQ ID NO:1 against amino acid databases.

*Please save results to diskette.*

Thank you very much.

David J. Steadman, Ph.D.  
Primary Examiner  
Art Unit 1656  
Protein Crystallography and Recombinant Enzymes  
Office: Remsen 2B05  
Mailbox: Remsen 3C70  
Phone: (571) 272-0942

\*\*\*\*\*

Searcher: \_\_\_\_\_  
Searcher Phone: \_\_\_\_\_  
Date Searcher Picked up: \_\_\_\_\_  
Date completed: \_\_\_\_\_  
Searcher Prep Time: \_\_\_\_\_  
Online Time: \_\_\_\_\_

\*\*\*\*\*

Type of Search  
NA# \_\_\_\_\_ AA# \_\_\_\_\_  
S/L: \_\_\_\_\_ Oligomer: \_\_\_\_\_  
Encode/Transl: \_\_\_\_\_  
Structure #: \_\_\_\_\_ Text: \_\_\_\_\_  
Inventor: \_\_\_\_\_ Litigation: \_\_\_\_\_

\*\*\*\*\*

Vendors and cost where applicable  
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QUESTEL/ORBIT: \_\_\_\_\_  
LEXIS/NEXIS: \_\_\_\_\_  
SEQUENCE SYSTEM: \_\_\_\_\_  
WWW/Internet: \_\_\_\_\_  
Other (Specify): \_\_\_\_\_

Search Strategy for 10/617,334

(FILE 'HOME' ENTERED AT 17:59:27 ON 26 MAY 2006)

FILE 'REGISTRY' ENTERED AT 17:59:41 ON 26 MAY 2006

E "GLYBURIDE"/CN 25  
L1 2 S E3 OR E4  
E "ABCA1"/CN 25  
L2 2 S E2 OR E4  
E "ABC1"/CN 25

FILE 'MEDLINE, AGRICOLA, CAPLUS, BIOSIS, EMBASE, WPIDS' ENTERED AT  
18:01:22 ON 26 MAY 2006

L3 3376 S ABCA1 OR ABC1  
L4 809 S L3 AND (CARDIOVASCULAR OR HEART OR CORONARY)  
L5 330 S L4 AND (TREAT? OR PREVENT?)  
L6 18 S L5 AND (LIPID (W) TRANSPORT)  
L7 12 DUP REM L6 (6 DUPLICATES REMOVED)  
L8 269 S L4 AND ((LIPID (W) TRANSPORT) OR (CHOLESTEROL (W) EFFLUX))  
L9 160 DUP REM L8 (109 DUPLICATES REMOVED)  
L10 97 S L9 AND HDL  
L11 43 S L9 AND HDL-CHOLESTEROL  
L12 34 S L10 AND (CORONARY (W) ARTERY (W) DISEASE)  
L13 222 S L3 AND (CARDIOVASCULAR (W) DISEASE)  
L14 1 S L1 AND ((CARDIOVASCULAR (W) DISEASE) AND HDL AND (CORONARY (W)  
L15 19 S L1 AND ((CARDIOVASCULAR (W) DISEASE) AND HDL)  
L16 7 S L1 AND (LOW (W) HDL)  
L17 23 S L14 OR L15 OR L16  
L18 21 DUP REM L17 (2 DUPLICATES REMOVED)  
L19 0 S L18 AND L3

FILE 'CAPLUS' ENTERED AT 18:09:35 ON 26 MAY 2006

E HAYDEN M R/AU 25  
L20 37 S (E3 OR E42) AND (ABC1 OR ABCA1)  
L21 36 S (E3 OR E42) AND ((ABC1 OR ABCA1) AND (CHOLESTEROL OR HDL OR C  
E BROOKS WILSON A R/AU 25  
L22 11 S (E3 OR E4 OR E5 OR E6) AND ((ABC1 OR ABCA1) AND (CHOLESTEROL  
E PIMSTONE S N/AU 25  
L23 17 S (E3 OR E4 OR E5)  
L24 5 S (E3 OR E4 OR E5) AND ((ABC1 OR ABCA1) AND (CHOLESTEROL OR HDL  
L25 36 S L21 OR L22 OR L24

=>

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	3	"6713300".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 12:15
S2	2114	glyburide	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/24 10:40
S3	724	(glyburide or DIDS or sulphobromophthaleine) and (cardiovascular adj disease)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/24 10:46
S4	144	(glyburide or DIDS or sulphobromophthaleine) and (cardiovascular adj disease)	USPAT	OR	OFF	2006/05/24 10:46
S5	0	S3 and (glyburide or DIDS or sulphobromophthaleine).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/24 10:46
S6	125	S3 and (glyburide or DIDS or sulphobromophthaleine).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/24 14:43
S7	2	"6015541".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/24 14:46
S8	100229	polyvinylacetate or (cellulose adj acetate adj butyrate) or nitrocellulose or (urethane near2 carbonate) or (styrene near2 maleic)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/24 14:49
S9	24152	S8 and (gold or tungsten or platinum)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/24 14:49
S10	4497	S9 and (dimethylsulfoxide or dmso)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/24 14:49
S11	7915	(polyvinylacetate or (cellulose adj acetate adj butyrate) or nitrocellulose or (urethane near2 carbonate) or (styrene near2 maleic)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/24 14:49
S12	430	S11 and (gold or tungsten or platinum).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/24 14:49

## EAST Search History

S13	34	S12 and (dimethylsulfoxide or dmsol). clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/24 14:50
S14	25	S13 and contrast	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/24 15:06
S15	2	"6756031".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/24 15:37
S16	849	tetrahymena adj thermophila	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/24 15:38
S17	8	S16 and squalene	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/24 15:40
S18	0	S16 and tetrahymenol	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/24 15:40
S19	8	S16 and tetrahymanol	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/24 15:40
S20	48	S16 and cyclase	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/25 06:54
S21	463	lanolin and ((guerbet adj alcohol) or (secondary adj alcohol))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/25 06:55
S22	3	lanolin near5 ((guerbet adj alcohol) or (secondary adj alcohol))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/25 07:06
S23	2	"6630134"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/25 06:56
S24	17	lanolin and ((guerbet adj alcohol) or (secondary adj alcohol)) and transesterification	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/25 08:12

## EAST Search History

S25	32	(abca1 or abc1) and (hayden.in. or wilson.in. or pimstone.in. or brooks.in. )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 13:12
S26	13	S25 and (cardiovascular.clm. or coronary.clm. or hdl.clm.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 12:16
S27	2007	Glibenclamide	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 13:12
S28	167	S27.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 13:13
S29	16	S27.clm. and cardiovascular.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 13:14
S30	260	S27 and cardiovascular and coronary and hdl	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 13:14
S31	241	S30 and (method near5 (treating or treatment))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 13:17
S32	19	S30 not S31	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 13:19
S33	3506	glyburide or Glibenclamide or Glybenclamide or Daonil or Diabeta or HB-419 or HB419 or HB-420 or HB420 or Maninil or Micronase or Neogluconin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 15:46
S34	526	S33.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 13:22
S35	123	S34 and coronary	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 13:22
S36	45	S35 and (coronary adj artery)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 13:31

## EAST Search History

S37	526	S33.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 13:32
S38	118	S37 and hdl\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 13:32
S39	114	S38 and cholesterol	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 14:42
S40	25	S38 and hdl\$.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 13:32
S41	0	"199836755".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 14:46
S42	2	"9836755".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 14:49
S43	7	whitcomb.in. and glitazone	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 15:34
S44	29	(animal adj model) near2 (diabetes adj mellitus)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 15:36
S46	5187	(animal adj model) and (diabetes adj mellitus)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 15:36
S47	2397	(mouse adj model) and (diabetes adj mellitus)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 15:36
S48	126	model near2 (diabetes adj mellitus)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 15:37
S49	0	mouse and glyburide near2 (diabetes adj mellitus)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 15:37

## EAST Search History

S50	597	mouse and glyburide and (diabetes adj mellitus)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 15:38
S51	38	mouse and glyburide.clm. and (diabetes adj mellitus)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 15:41
S52	67	mouse and glyburide.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 15:43
S53	0	(NOD adj mouse) and glyburide.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 15:43
S54	12	(NOD adj mouse) and glyburide	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 15:44
S55	3506	glyburide or Glibenclamide or Glybenclamide or Daonil or Diabeta or HB-419 or HB419 or HB-420 or HB420 or Maninil or Micronase or Neogluconin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 15:46
S56	816	S55 and mouse and (diabetes adj mellitus)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 15:46
S57	51	S55.clm. and mouse and (diabetes adj mellitus)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 15:55
S58	1	S55.clm. and mouse.clm. and (diabetes adj mellitus)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 15:50
S59	96	S55.clm. and (mouse or mice or murine) and (diabetes adj mellitus)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 15:57
S60	58	S59 not S51	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 15:56
S61	515	S55 and (mouse or mice or murine) and ((diabetes adj mellitus) and NIDDM)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 15:58

## EAST Search History

S62	67	S55.clm. and (mouse or mice or murine) and ((diabetes adj mellitus) and NIDDM)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 15:58
S63	129	S55.clm. and (mouse or mice or murine) and ((diabetes adj mellitus) or NIDDM)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 15:59
S64	33	S63 not (S58 or S59)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 16:15
S65	3506	glyburide or Glibenclamide or Glybenclamide or Daonil or Diabeta or HB-419 or HB419 or HB-420 or HB420 or Maninil or Micronase or Neogluconin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 16:16
S66	425	(animal adj model) and (mouse or mice or murine) and ((diabetes adj mellitus) or niddm) and S65	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 16:18
S67	16	(animal adj model) and (mouse or mice or murine) and ((diabetes adj mellitus) or niddm) and S65.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 16:16
S68	29	(animal adj model) and (mouse or mice or murine) and ((diabetes adj mellitus) or niddm).clm. and S65	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 16:18





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<a href="#">#50</a>	Search "Mice"[MeSH] Limits: Publication Date to 1999/03/15	16:20:54	<a href="#">526874</a>
<a href="#">#49</a>	Search #44 and #13 Limits: Publication Date to 1999/03/15	16:14:13	<a href="#">4</a>
<a href="#">#44</a>	Related Articles for PubMed (Select 7489831)	16:13:54	<a href="#">499</a>
<a href="#">#48</a>	Search model mouse niddm glyburide Limits: Publication Date to 1999/03/15	16:13:40	<a href="#">3</a>
<a href="#">#47</a>	Search animal model mouse niddm glyburide Limits: Publication Date to 1999/03/15	16:11:57	<a href="#">5</a>
<a href="#">#46</a>	Search animal model mouse niddm Limits: Publication Date to 1999/03/15	16:11:44	<a href="#">196</a>
<a href="#">#43</a>	Search ueda nsy model Limits: Publication Date to 1999/03/15	16:08:41	<a href="#">2</a>
<a href="#">#33</a>	Search #13 AND #7 AND (mouse or mice) Limits: Publication Date to 1999/03/15	16:01:13	<a href="#">26</a>
<a href="#">#24</a>	Search #19 AND #13 Limits: Publication Date to 1999/03/15	13:10:50	<a href="#">350</a>
<a href="#">#20</a>	Search #19 AND #13	13:09:58	<a href="#">589</a>
<a href="#">#21</a>	Search #20 AND (#10 OR #9)	13:09:31	<a href="#">4</a>
<a href="#">#19</a>	Search "Cardiovascular Diseases"[MeSH]	13:08:46	<a href="#">1330381</a>
<a href="#">#14</a>	Search #13 AND #11	13:07:15	<a href="#">38</a>

<a href="#"><u>#13</u></a> Search "Glyburide"[MeSH]	13:06:54	<a href="#"><u>4299</u></a>
<a href="#"><u>#11</u></a> Search #7 AND (#9 OR #10)	13:06:37	<a href="#"><u>2300</u></a>
<a href="#"><u>#10</u></a> Search "Lipoproteins, HDL Cholesterol"[MeSH]	13:06:18	<a href="#"><u>14163</u></a>
<a href="#"><u>#9</u></a> Search "Lipoproteins, HDL"[MeSH]	13:06:02	<a href="#"><u>24211</u></a>
<a href="#"><u>#7</u></a> Search "Diabetes Mellitus"[MeSH]	13:05:41	<a href="#"><u>198110</u></a>
<a href="#"><u>#4</u></a> Related Articles for PubMed (Select 11097426)	06:47:24	<a href="#"><u>101</u></a>
<a href="#"><u>#2</u></a> Search #1 AND review	06:46:44	<a href="#"><u>23</u></a>
<a href="#"><u>#1</u></a> Search methods for modulating transcription	06:46:07	<a href="#"><u>248</u></a>

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May 22 2006 06:31:57



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**1: Glyburide**

An antidiabetic sulfonylurea derivative with actions similar to the chlorpropamide.

Year introduced: 1992

Subheadings: This list includes those paired at least once with this heading in MEDLINE and may not reflect current rules for allowable combinations.

☐ administration and dosage ☐ adverse effects ☐ analogs and derivatives ☐ analysis ☐ antagonists and inhibitors ☐ blood ☐ chemical synthesis ☐ chemistry ☐ contraindications ☐ diagnosis ☐ use ☐ economics ☐ immunology ☐ isolation and purification ☐ metabolism ☐ pharmacokinetics ☐ pharmacology ☐ physiology ☐ poisoning ☐ standards ☐ therapeutic use ☐ toxicity ☐ urine

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Registry Number: 10238-21-8

Entry Terms:

- Glibenclamide
- Glybenclamide
- Daonil

- Diabeta
- Euglucon 5
- Euglucon N
- HB-419
- HB 419
- HB419
- HB-420
- HB 420
- HB420
- Maninil
- Micronase
- Neogluconin

Previous Indexing:

- Hypoglycemic Agents (1966-1970)

Pharmacologic Action:

- Anti-Arrhythmia Agents
- Hypoglycemic Agents

All MeSH Categories

Chemicals and Drugs Category

Organic Chemicals

Sulfur Compounds

Sulfones

Sulfonylurea Compounds

**Glyburide**

All MeSH Categories

Chemicals and Drugs Category

Organic Chemicals

Urea

Sulfonylurea Compounds

**Glyburide**

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